



## MHS

## Couplings for servo-motors

### Torque: 2.8 to 38Nm

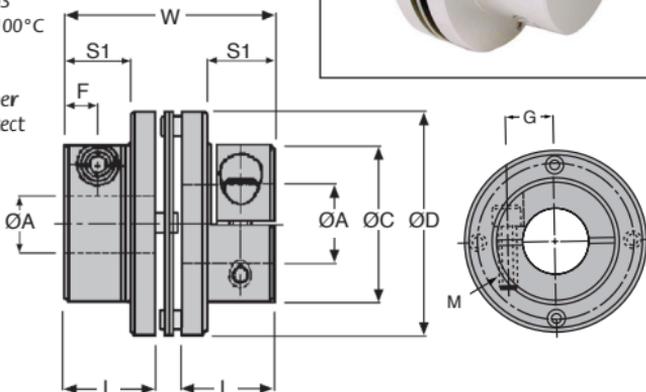
- **Very rigid in torsion**
- Misalignment absorbed by stainless steel disc
- Backlash free
- Resistant to oil and chemical products
- Maintenance free
- Materials:
  - Hubs: Aluminium A-U4G
  - Disc: Stainless steel 301
  - Pin: Stainless steel 303
- Max. working temp.: +100°C

clamp fixing



### Applications

- Ideal for use with stepper motors that cannot detect start position
- Applications requiring high accuracy
- Automated systems



### DISCOUNTS

Qty	1+	5+	10+	15+	20+
Disc.	List	-10%	-15%	-25%	On request

Part number	Max. speed of rotation (rpm)	Weight (g)	Moment of inertia (kg·m <sup>2</sup> )	Static torsional stiffness (Nm/Rad)	Misalignment			Nominal torque (Nm)	Max. torque (Nm)
					Radial (mm)	Angular	Axial (mm)		
MHS-32C	1900	38	4,5 x 10 <sup>-6</sup>	1300	-	1°	±0,20	2,8	5,6
MHS-40C	1500	66	1,2 x 10 <sup>-5</sup>	2800	-	1°	±0,20	6,0	12,0
MHS-50C	1200	120	3,7 x 10 <sup>-5</sup>	3700	-	1°	±0,20	12,0	24,0
MHS-63C	1000	190	8,4 x 10 <sup>-5</sup>	5000	-	1°	±0,20	19,0	38,0

Part number	Standard bore ØA	Max. bore ØA	ØD	F	L	W	ØC	S1	M	G	Price each 1 to 4
	Stock*										
MHS-32C	6	10	32	4	13,70	32	22	9	M3	8,00	✓ 168,48 €
MHS-40C	8	14	40	6	16,50	38	28	12	M4	10,50	✓ 182,93 €
MHS-50C	12	20	50	7	19,40	44	39	15	M5	14,75	- 221,20 €
MHS-63C	15	25	63	8	22,30	50	45	18	M6	17,00	- 309,00 €

\*Depending on availability - Dimensions in mm



# Double-disc flexible coupling

## Couplings for servo-motors

## MHW

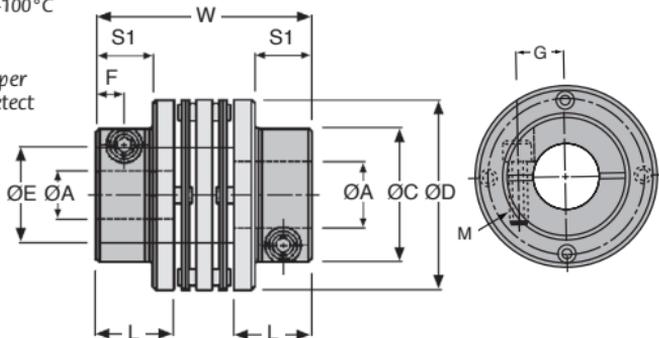
### Torque: 2 to 20Nm

- **Very rigid in torsion**
- Misalignment absorbed by stainless steel disc
- Backlash free
- Resistant to oil and chemical products
- Maintenance free
- Materials:
  - Hubs: Aluminium A-U4G
  - Disc: Stainless steel 301
  - Pin: Stainless steel 303
  - Central disc: A-U5 Pb Bi
- Max. working temp.: +100°C



### Applications

- Ideal for use with stepper motors that cannot detect start position
- Applications requiring high accuracy
- Automated systems



### DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-6%	On request

Part number	Max. speed of rotation (rpm)	Weight (g)	Moment of inertia (kg·m <sup>2</sup> )	Static torsional stiffness (Nm/Rad)	Misalignment			Nominal torque (Nm)	Max. torque (Nm)
					Radial (mm)	Angular	Axial (mm)		
MHW-32C	19000	48	6,2 x 10 <sup>-6</sup>	1000	0,15	2°	±0,40	2	4
MHW-40C	15000	81	1,6 x 10 <sup>-5</sup>	1500	0,20	2°	±0,50	4	8
MHW-50C	12000	150	4,6 x 10 <sup>-5</sup>	2000	0,20	2°	±0,60	7.5	15
MHW-63C	10000	230	1,1 x 10 <sup>-4</sup>	2500	0,30	2°	±0,80	10	20

Part number	Standard bore		ØD	ØE	F	L	W	ØC	S1	M	G	Price each
	ØA	ØA										
MHW-32C	6	10	32	15	4	13,70	40	22	9	M3	8,00	- 200,42 €
MHW-40C	8	14	40	25	6	16,50	46	28	12	M4	10,50	✓ 224,78 €
MHW-50C	12	20	50	25	7	19,40	52	39	15	M5	14,75	✓ 270,30 €
MHW-63C	15	25	63	32	8	22,30	58	45	18	M6	17,00	- 382,95 €

\*Depending on availability - Dimensions in mm